

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	(database or db or dbms or rdbms) same (recover\$3 or restor\$3) same (self-tun\$3) same thread	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:07
S2	2	(database or db or dbms or rdbms) same (recover\$3 or restor\$3) same (self-tun\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:08
S3	4	(database or db or dbms or rdbms) and (recover\$3 or restor\$3) same (self-tun\$3) same (performance or throughput)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:09
S4	17	(database or db or dbms or rdbms) and (recover\$3 or restor\$3) same (self-tun\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:10
S5	7	(database or db or dbms or rdbms) and (recover\$3 or restor\$3) same (self-tun\$3) and thread\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:12
S6	1	(recover\$3 or restor\$3) with (self-tun\$3) and thread\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:13
S7	8	(recover\$3 or restor\$3) same (self-tun\$3) and thread\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:15

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S8	15	self-tun\$3 with thread	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/04 16:15
S9	0	(database or db or dbms) same (thread\$2 with sleep with spawn\$2) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:32
S10	564	(database or db or dbms) same (thread\$2) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:33
S11	180	(database or db or dbms) same (thread\$2) with performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:33
S12	39	(database or db or dbms) and (thread\$2) with (spawn\$3 or start\$3) with performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:37
S13	187	(thread\$2) with (paus\$3 or suspend\$3) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:38
S14	244	(thread\$2) with (paus\$3 or suspend\$3 or sleep) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:38

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S15	162	(thread\$2) near4 (paus\$3 or suspend\$3 or sleep) same performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:38
S16	27	(thread\$2) near4 (paus\$3 or suspend\$3 or sleep) with performance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/07 10:38
S17	454	performance with degrade and "707". clas.	USPAT	OR	ON	2007/09/10 10:42
S18	261	performance near degrade and "707". clas.	USPAT	OR	ON	2007/09/10 10:42
S19	3	"i/o" with performance near degrade and "707". clas.	USPAT	OR	ON	2007/09/10 10:43



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thread recovery database performance

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[H Garcia-Molin...](#)

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[K Gharachorloo](#)

[J Lo](#)

A recovery algorithm for a high-performance memory-resident database system - all 7 versions »

TJ Lehman, MJ Carey - Proceedings of the 1987 ACM SIGMOD international conference ..., 1987 - portal.acm.org

... the total number of partrtrons m the **database** and the ... wnte has suc- cessfully Amshed)
 The **recovery** CPU can ... rt IS probably running a smgle **thread** of execution ...

Cited by 67 - [Related Articles](#) - [Web Search](#) - [Library Search](#)

An analysis of database workload performance on simultaneous multithreaded processors - [all 19 versions »](#)

JL Lo, LA Barroso, SJ Eggers, K Gharachorloo, HM ... - ACM SIGARCH Computer Architecture News, 1998 - doi.ieeecomputersociety.org

... patterns, and the amount of inter-**thread** sharing ... Shared Global Area (SGA) contains the **database** buffer cache ... data updates and guiding crash **recovery**), and other ...

Cited by 147 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Main memory database systems: an overview - all 7 versions »

H Garcia-Molina, K Salem - Knowledge and Data Engineering, IEEE Transactions on, 1992 - ieeexplore.ieee.org

... would improve further (no crash **recovery** code at ... have a backup copy of the **database**, probably on ... of backups can decrease, and the **performance** implications of ...

Cited by 208 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

DB2 Universal Database Performance Tuning - all 3 versions »

KB Schiefer, G Valentin - Data Engineering Bulletin, 1999 - lib.nau.edu.ua

... itself [CHAM76], (see [DB299d]) DB2Universal **Database** benefits from ... vanced locking, logging and **recovery** mechanisms, all designed with a common **thread** of high ...

Cited by 31 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Selecting and implementing an embedded database system - all 6 versions »

MA Olson - Computer, 2000 - ieeexplore.ieee.org

... In that case, the **recovery** system must be callable ... mon causes for poor **performance** in **database** appli- cations are two or more **threads** contending for ...

Cited by 37 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Joint evaluation of performance and robustness of a COTS DBMSthrough fault-injection - all 7 versions »

D Costa, T Rilho, H Madeira - Dependable Systems and Networks, 2000. DSN 2000. Proceedings ..., 2000 - ieeexplore.ieee.org

... the SUT to fail quickly in order to evaluate **recovery** code **performance** ... and comparison of the **performance** and the price/**performance** in **database** systems due ...

Cited by 23 - [Related Articles](#) - [Web Search](#)

... management for a distributed object storage systemWAKASHI-design, implementation and performance - all 2 versions »

G Yu, K Kaneko, G Bai, A Makinouchi - Data Engineering, 1996. Proceedings of the Twelfth ... - ieeexplore.ieee.org

... Fourthly, a redo-only **recovery** method is implemented by ... effort has been made to develop **database** systems that ... Al- though **thread** facilities can be exploited for ...

Cited by 39 - Related Articles - Web Search - BL Direct

Efficient Incremental Garbage Collection for Client-Server Object **Database** Systems - all 6 versions »

L Amsaleq, M Franklin, O Gruber - Proc. of the 21th VLDB Int. Conf., Zurich, Switzerland, ..., 1995 - vldb.org

... while providing opportunities for improved **performance**, also raises ... A •3 Create

A: redone step 3 into the **database**. ... Figure 4: Redo Failure During Recovery ...

[Cited by 35](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Layered Analytic **Performance** Modelling of a Distributed **Database** System - all 6 versions »

F Sheikh, M Woodside - Proc. 1997 International Conf. ON Distributed Computing ..., 1997 - doi.ieeecs.org

... back, and finally write a log entry for **recovery**. ... only the layered model can add **thread** limitations as ... CARAT was a two site distributed **database** system created ...

Cited by 16 - Related Articles - Web Search - BL Direct

Computerized method and system for replicating a **database** using log records - all 3 versions »

S Satoh, Y Takase - US Patent 5,640,561, 1997 - Google Patents

... **Recovery** pro- ... system includes a **database** stored in a data storage device ... 50 run under a single **thread** to maintain the log record at aremote location. ...

Cited by 46 - Related Articles - Web Search

Challenges in Embedded **Database** System Administration - all 9 versions »

M Seltzer, M Olson - Proceeding of the Embedded System Workshop, 1999 - users.ece.cmu.edu/~mso/ee359

... the utilities traditionally bundled with a **database** manager (eg, **recovery**, **dump/restore** ... as a single large server with independent **threads** that perform ...

Cited by 16 - Related Articles - Web Search

[Designing an XML Database Engine: API and Performance'](#) - all 2 versions »

S Sipani, K Verma, S Chandrasekaran, X Zeng, J Zhu ... - Proceedings of the 40th Annual Southeast ACM Conference, 2002 - maxwell.cs.uga.edu

... processor) invokes a method, a new **thread** is created. ... We have also implemented a **recovery** scheme based on ... storing XML data in a relational **database**, In Rapport ...

[Cited by 10](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[\[book\] High Performance Cluster Computing: Architectures and Systems, Volume I - all 8 versions »](#)

R Buyya - 1999 - cs.mu.oz.au

... 30 1.11.1 **Threads** 30 1.11.2 Message Passing Systems MPI and PVM 31 ... 297 11.7.2 Flow Control and Error Recovery 297 ... 453 18.6.4 Parallel **Database** Systems 453

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Performance of database workloads on shared-memory systems with out-of-order processors - all 15 versions »

P Ranganathan, K Gharachorloo, SV Adve, LA Barroso - Proceedings of the eighth international conference on ..., 1998 - portal.acm.org

Page 1. **Performance of Database Workloads on Shared-Memory Systems with Out-of-Order Processors** Parthasarathy Ranganathan; Kourosh ...

Cited by 107 - Related Articles - Web Search - BL Direct

Fast-Start: quick fault **recovery** in oracle - all 7 versions »

T Lahiri, A Ganesh, R Weiss, A Joshi - ACM SIGMOD Record, 2001 - portal.acm.org

... the failed instance's **thread**, beginning from the **thread** checkpoint, up ... discussion
of issues and techniques in **recovery** for shared-disk **database** systems ...

